

North Carolina Weather & Crops Report

Released: January 2, 2018



CROP SUMMARY FOR THE MONTH OF DECEMBER 2017

DAYS SUITABLE FOR FIELD WORK				
This Week	Last Week	Last Year	5-Year Avg.	
6.0	n/a	n/a	n/a	
CROP PROGRESS PERCENT – WITH COMPARISONS				
	This Week	Last Week	Last Year	5 Yr. Avg.

SOIL MOISTURE PERCENT					
	VS	ST	A	SS	
Topsoil Moisture	5	44	48	3	
Subsoil Moisture	6	30	61	3	
VS= Very Short ST = Short A = Adequate SS = Surplus					
CROP CONDITION PERCENT					
	VP	P	F	G	EX
Barley	0	2	36	58	4
Oats	1	8	24	61	6
Pasture	0	9	36	54	1
Wheat	0	4	24	57	15
VP = Very Poor P = Poor F = Fair G = Good EX = Excellent					

A heavy snow event earlier in the month made tending livestock somewhat difficult as most of the county received between 5"-8" of snow with some heavier accumulations at the higher elevations. Temperatures for the month were highly variable with some highs well above normal and some low temperatures near single digits. Main farm work for the month included tending livestock, finishing Christmas tree harvest and sales, and stripping, baling burley tobacco. **Stanley Holloway – Yancey County Extension**

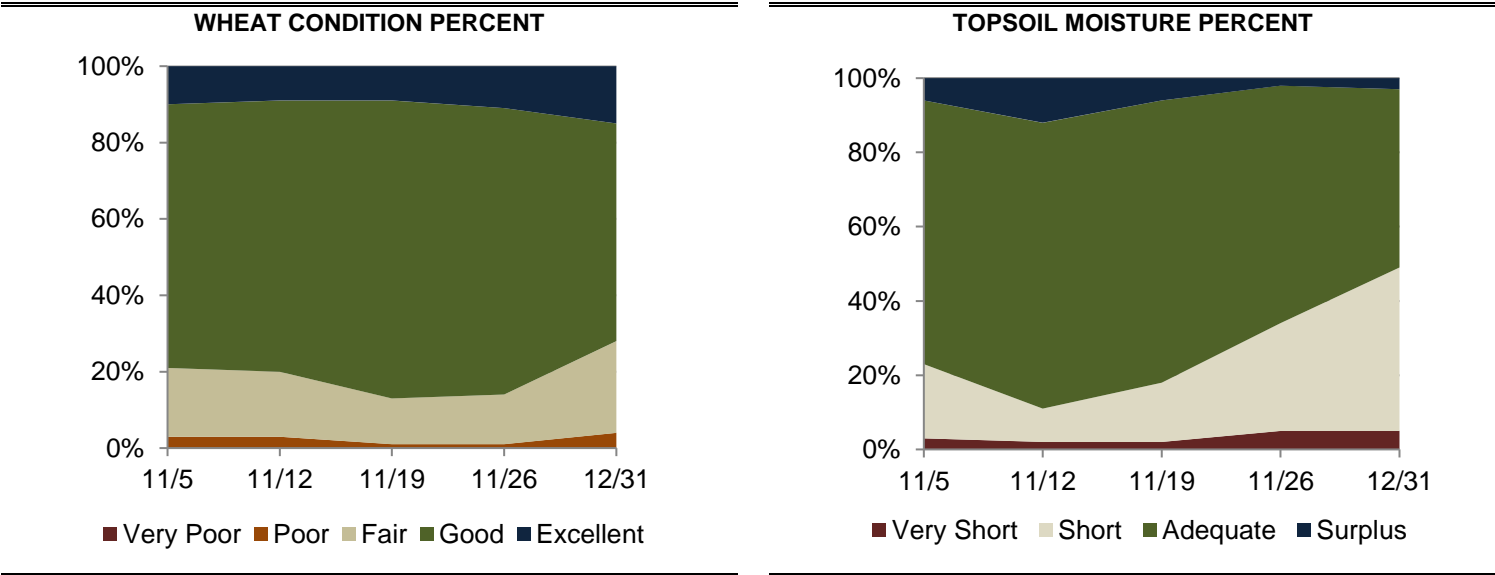
Dry cold conditions are hampering development of the small grain crops. An extended week of very cold weather is likely to further hurt later planted small grains. Much of the wheat crop needs a decent rain, warmer temperatures and a shot of Nitrogen to promote tillering. **Don Nicholson – Agronomist Region 7**

Still in need of precipitation to help refill irrigation ponds and recharge wells after demand during growing season. **Zachary Taylor – Lee County Extension**

The last month has seen snow, some rain, cold and dry spells. We have had it all. Snowfall of 8" -18" on December 8 & 9 with 3.5" of monthly rainfall, which was .8" below normal. Temperatures near normal with Cold Snap forming near month's end with temps near 0 to 10 F and highs near 20 -30 F. **Robert Hawk – Swain County Extension**

Frigid temperatures at the end of December caused some injury to small fruits and tree fruits. Will know more by the end of January. **Taylor Williams - Moore County Extension**

Very little rainfall in December. **Tim Britton – Johnston County Extension**



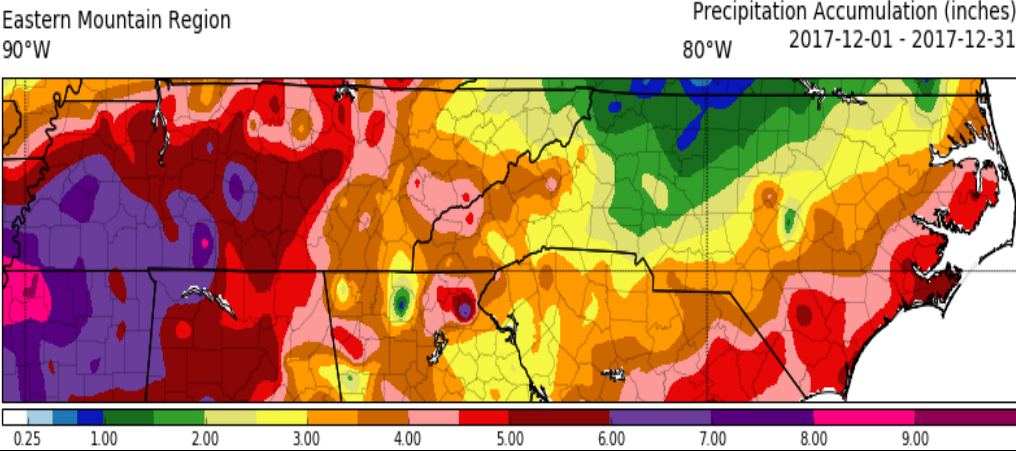
WEATHER SUMMARY FOR THE MONTH OF DECEMBER 2017*									
Location	Precipitation (Inches) ¹				Temperature (Degrees F.)				
	This Month		Year to Date		This Month				
	Total	Departure from Normal	Total	Departure from Normal	High	Low	Avg.	Departure from Normal	Degree Days (YTD)
ASHEBORO 2 W	1.44	-0.38	42.78	-2.32	65	19	41	3	4301
ASHEVILLE AIRPO	2.47	-1.12	54.10	8.53	67	19	40	1	3888
BURLINGTON ALAM	1.47	-1.76	33.44	-11.66	73	13	42	1	4734
CHARLOTTE	2.12	-1.13	44.69	3.06	73	21	45	3	5030
CLAYTON WTP	2.90	-0.43	55.05	8.63	71	16	42	0	4632
CLINTON 2 NE	2.62	-1.22	42.23	-6.39	73	23	44	1	4985
ELIZABETH CITY	3.06	0.50	44.66	-1.92	69	20	44	0	5143
ERWIN AP	1.82	-0.86	27.84	-10.50	74	22	45	0	5389
FAYETTEVILLE RE	2.97	0.32	41.80	-2.66	75	22	46	1	5692
GASTONIA MUNICI	2.01	-1.29	39.52	-4.09	73	21	45	3	4938
GOLDSBORO	3.68	0.46	50.28	1.49	74	20	45	0	5390
GREENSBORO AP	1.60	-1.38	42.83	0.63	72	17	41	0	4585
GREENVILLE	3.41	0.16	50.49	0.93	72	18	44	1	5266
HICKORY FAA AIR	1.90	-1.80	45.68	-0.58	72	18	41	0	4443
JEFFERSON	0.93	-2.30	58.46	10.25	63	7	35	0	2566
KINSTON AG RESE	2.83	1.19	42.01	-6.63	72	24	47	2	5519
LAURINBURG MAXT	3.31	0.95	33.77	-3.37	75	22	48	2	5122
MT AIRY 2 W	1.09	-2.46	51.59	4.80	72	15	38	1	3683
NEW BERN	4.23	0.83	51.27	-1.48	71	21	45	2	5362
N WILKESBORO	1.01	-2.59	52.62	3.16	71	17	40	2	4040
OXFORD AG	0.05	-1.95	31.38	-14.54	71	14	45	3	1944
RALEIGH AP	2.29	-0.78	45.54	2.20	71	15	42	1	5018
REIDSVILLE 2 NW	1.21	-1.82	44.64	-1.73	69	15	41	0	4292
ROANOKE RAPIDS	2.09	-1.25	42.55	-3.16	71	16	43	1	4976
ROBBINSVILLE AG	3.49	-0.94	47.05	2.10	66	18	40	4	3504
ROCKINGHAM	2.41	-1.60	44.31	2.20	75	23	46	7	5140
ROXBORO 7 ESE	1.67	-1.56	43.80	-1.57	72	17	41	2	4022
SOUTHERN PINES	1.95	-0.57	30.52	-0.93	74	19	44	1	5111
STATESVILLE 2 N	2.08	-1.56	48.36	4.29	72	14	40	2	4052
TARBORO 1 S	2.65	1.06	46.27	1.40	71	16	43	0	4880
VALE AG 2 SW	1.90	-1.50	48.38	2.20	72	16	41	1	4427
WALLACE 1SE	4.53	1.04	55.02	0.82	76	20	45	0	5219
WASHINGTON	4.02	1.07	57.35	8.05	66	19	44	3	4849
WAYNESVILLE 1 E	3.68	-0.15	46.21	-1.51	66	6	37	1	3056
WHITEVILLE 7 NW	4.27	1.44	44.18	-2.64	76	23	46	1	5123
WILLIAMSTON 1 E	3.22	0.19	51.11	1.28	70	20	44	0	5063
WILMINGTON INT'	3.86	0.24	62.64	5.03	75	25	49	0	5705
WILSON 3 SW	2.81	-0.16	48.72	1.68	73	19	44	0	5079
WINSTON SALEM R	1.36	-1.85	41.84	-5.06	72	22	43	1	4500

*Effective October 15, 2017 the weather data source has been changed. The basic format of the data tables has not changed, but the data content will be based on newer historical datasets used for average calculations and changes in methodology subroutines for missing data.

¹Precipitation (rain or melted snow/ice) NOAA Regional Climate Centers data.

PRECIPITATION SUMMARY

Map depicts accumulations through dates listed. This product is made possible by Clear Science, Inc.



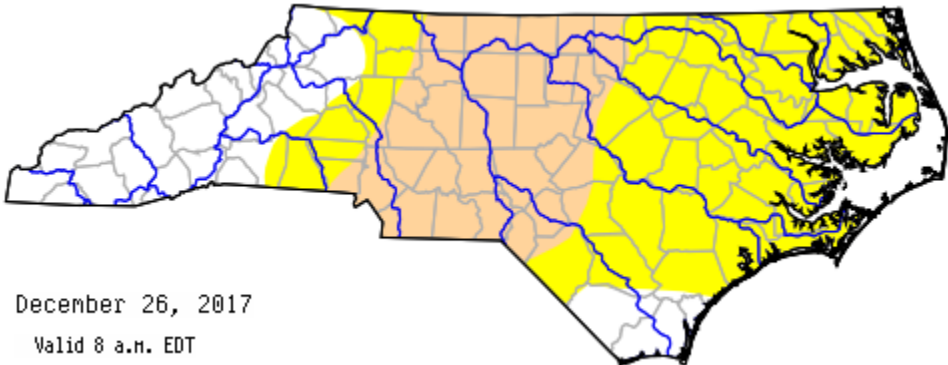
US DROUGHT MONITOR OF NORTH CAROLINA

<http://www.ncdrought.org/>
The US drought monitor focuses on broad scale conditions. Information provided for North Carolina is relative to information provided from all other states and the North Carolina Drought Management Advisory Council. Local conditions may vary.

Drought Classifications

- D0 - Abnormally Dry
- D1 - Moderate Drought
- D2 - Severe Drought
- D3 - Extreme Drought
- D4 - Exceptional Drought

December 26, 2017
Valid 8 a.m. EDT



County Boundaries Major River Basins ([View Map](#))
S = Short-Term, typically <6 months (e.g. agriculture, grasslands)
L = Long-Term, typically >6 months (e.g. hydrology, ecology)